



NITFS

Compliance Registration



Product: Active Earthscape, Increment 2

Sponsor: National Geospatial-Intelligence Agency

Developer: Harris Corporation

- Initial Registration
- Supplemental/Update #102#
- Derived from Reg. #

Complexity Level						
NITF 2.1 CLEVEL		3	5	6	7	
Interpret						
Generate						
NITF 2.0 CLEVEL						
Interpret	1	2	3	4	5	6 Oth
Generate						

Configurations Tested:
-Dual Core 3 GHz Xeon 5100

System
N-0105/98, §4.1.1

Product
N-0105/98, §4.1.2

Component
N-0105/98, §4.1.3

** NITF 2.0 feature

* NITF 2.1 feature

NITFS Features Implemented:

Format

- NITF
- V2.1
- V2.0
- V1.1
- NSIF
- V1.0

Pixel Value Types

- Boolean
- Integer
- Signed Integer *
- IEEE Real *
- IEEE Complex *

Annotation Segment Types

- Bit Mapped **
- CGM, 2301
- CGM, 2301A
- Labels **

Text Segments

- STA
- UT1
- U8S
- MTF

Image Segment Types

- MONO
- RGB
- RGB/LUT
- YCbCr
- MULTI
- NODISPLY
- POLAR

Image Compression

- Not Compressed
- JPEG Lossy, 8-bit
- JPEG Lossy, 12-bit
- JPEG Downsample
- JPEG Lossless
- JPEG 2000
- Bi-Level
- Vector Quantization

Data Extension Segments

- TRE OVERFLOW
- STREAMING FILE HEADER
- Controlled Extensions **
- Registered Extensions **

Tagged Record Extensions

- HISTOA
- J2KLRA
- PRODHA
 - DIGEST TRES
 - ACCHZB
 - BNDPLB
 - GEOLOB
 - GEOPLSB
 - MAPLOB
 - PRJPSB

Legend

- Fully implemented
- Partially implemented
- Not implemented

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division Chief

Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
a product for the intended use. Optional NITFS features may not be implemented.